

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(generating or originat\$3 or produc \$3) near3 data near3 (acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound\$4 or supersonic\$4 or supersound\$4 or megasound\$4 or megasonic\$4 or microsound\$4 or microsonic\$4 or macrosonic\$4 or macrosound\$4 or infrasound\$4 or infrasonic\$4) near3 (characteristic or trait or quality or property) near15 (pipe or pipeline or conduit or cylinder or rod)	US-PGPUB; USPAT	OR	ON	2008/07/03 13:54
S4	40	(vibrat\$5 or frequency) near3 (characteristic or trait or quality or property) near15 (inside or interior or internal) near3 (pipe or pipeline or conduit or cylinder or rod)	US-PGPUB; USPAT	OR	ON	2008/07/03 13:58
S5	4	S4 and pig	US-PGPUB; USPAT	OR	ON	2008/07/03 13:58
S6	4	(vibrat\$5 or frequency) near3 (characteristic or trait or quality or property) near15 (inside or interior or internal) near3 (pipe or pipeline or conduit or cylinder or rod)	USOCR	OR	ON	2008/07/03 14:02

S7	27	(vibrat\$5 or frequency) near3 (characteristic or trait or quality or property) near15 (inside or interior or internal) near3 (pipe or pipeline or conduit or cylinder or rod)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:03
S8	1	S7 and pig	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:04
S9	5	S4 and (pig or pill)	US-PGPUB; USPAT	OR	ON	2008/07/03 14:04
S10	1	S7 and (pig or pill)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:04
S11	53	(select\$3 or determin\$3) near7 (pig or pill) near3 (diameter or thickness)	US-PGPUB; USPAT	OR	ON	2008/07/03 14:07
S14	6	(select\$3 or determin\$3) near7 (pig or pill) near15 (seal\$3 or guide) near3 (diameter or thickness)	US-PGPUB; USPAT	OR	ON	2008/07/03 14:09
S15	3436	determin\$3 near7 condition near7 (pipe or pipeline or conduit or cylinder or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:15
S16	71	(vibrat\$5 or frequency) near3 (characteristic or trait or quality or property) near15 (inside or interior or internal) near3 (pipe or pipeline or conduit or cylinder or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:15

S17	4	S15 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:16
S18	7	S16 and (pig or pill)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:32
S19	147	S15 and (pig or pill)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:33
S20	83	S19 and (corrosion or debris)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 14:59
S21	1	("4949091").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/03 15:16
S22	1	("5635645").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/03 15:17

7/3/08 4:30:14 PM